

Amendments to the Specification:

Please replace the paragraph beginning at page 5, line 7 with the following amended paragraph:

-- A typical patient connector ~~[[24]]~~ 22 is shown in FIG. 3. The connector has a molded polymer body 27, into which wires 20 from the electrodes extend. Internally within the molded body the wires 20 are electrically connected to electrical pins 28 (one of which is shown in the partially cross-sectioned portion of the drawings). Each of the electrical pins protrudes into an elongated bore 30 of one of the protrusions 32. Each of the bores 30 is sized to receive a mating electrical pin or terminal (not shown) on the defibrillator connector. Each of the mating pins or terminals in the defibrillator connector engages one of pins 28 to complete the electrical circuit between the defibrillator and the electrodes. The polymer protrusions 32 are received in mating polymer cavities in the defibrillator connector. A latch element 34 positively engages a mating element on the defibrillator connector to prevent the two connectors from inadvertently pulling apart once they have been engaged. --